

Chunk Examples

All chunk statements must be enclosed in a **chunk_flow** block. Each chunk can have its own font, style, size, and color as illustrated in the following example.

Rule #1: Here at Bob's Nuclear Test Facility, do not press any **RED** buttons unless you have *direct authorization from Bob himself*.

EXAMPLE

```
chunk_flow do
  chunk "Rule #1: ", :style => :bold
  chunk "Here at Bob's Nuclear Test Facility, do not press any "
  chunk "RED", :style => :bold, :color => 'ff0000'
  chunk " buttons unless you have "
  chunk "direct authorization from Bob himself.", :style => :italic
end
```

SOURCE

There are five statements that move the cursor:

- **chunk_new_line** - move down to the beginning of the next line
- **chunk_move_left** - move left on the same line
- **chunk_move_right** - move right on the same line
- **chunk_move_down** - move down, but keep the same x position
- **chunk_move_up** - move up, but keep the same x position

These commands are illustrated in the next two examples.

>

EXAMPLE

```
chunk_flow do
  chunk "\\\"
  chunk_move_down 8
  chunk_move_left 3
  chunk "\\\"
  chunk_move_down 8
  chunk_move_left 6
  chunk "/"
  chunk_move_down 8
  chunk_move_left 9
  chunk "/"
end
```

SOURCE

Dear Boss,

When I first heard about the new **FOUR DAY WORK WEEK™** I was really excited. but after reading that I only get 80% of my original pay, I think the idea is really ~~stupid~~ short sighted.

EXAMPLE

```
chunk_flow do
  chunk "Dear Boss,"
  chunk_new_line
  chunk "When I first heard about the new "
  chunk "FOUR DAY WORK WEEK", :font_family => 'Courier', :size => 9
  chunk_move_up 4
  chunk_move_left 4
  chunk "TM", :size => 6
  chunk_move_down 4
  chunk " I was really excited. but after reading "
  chunk "that I only get 80% of my original pay, "
  chunk "I think the idea is really stupid"
  chunk_move_left 32
  chunk "-----", :style => :bold
  chunk " short sighted."
end
```

SOURCE

Small images can be inserted inline into text using the **chunk_image** statement as shown below:

Prawn is:

- ☒ really, really cool
- ☐ average, everyday cool
- ☐ kinda luke warm

EXAMPLE

```
chunk_flow do
  chunk "Prawn is:"
  chunk_left_margin 24
  chunk_new_line
  chunk_image "checkbox_checked.png", :width => 8, :height => 8
  chunk " really, really cool"
  chunk_new_line
  chunk_image "checkbox_unchecked.png", :width => 8, :height => 8
  chunk " average, everyday cool"
  chunk_new_line
  chunk_image "checkbox_unchecked.png", :width => 8, :height => 8
  chunk " kinda luke warm"
end
```

SOURCE

Chunks can be as small as a single word, or even a single character in a word as shown in the following two examples.

shades of springtime

EXAMPLE

```
chunk_flow do
  text = "shades of springtime"
  i = 0
  (70..250).step(8) do |g|
    hex = "00" + '%02x' % g + "00"
    break if (i > text.size)
    chunk text[i,1], :color => hex, :no_space => (text[i + 1, 1] != ' ')
    i += 1
  end
end
```

SOURCE

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus blandit
semper elit et scelerisque. Ut pretium, ligula
vitae ullamcorper malesuada, dui arcu faucibus
enim, vel blandit nulla ante et dolor.

EXAMPLE

```
chunk_flow do
  text = "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus  
blandit semper elit et scelerisque. Ut pretium, ligula vitae ullamcorper malesuada,  
dui arcu faucibus enim, vel blandit nulla ante et dolor."  
  size = 0  
  text.split(' ').each do |word|  
    chunk word, :size => 6 + size  
    size += 1  
    size = size % 20  
  end  
end
```

SOURCE

Note how line spacing is automatically adjusted to fit the largest font size in the line.